



# Acadia Paw Press

## Fall Greetings from Acadia!

WELCOME to the online education newsletter of Acadia National Park! We are glad to be able to make Acadia's educational and professional development opportunities accessible to all. The education staff will be updating this newsletter every spring and fall and we hope you find it useful. If you have any suggestions, please contact the education coordinator, Cynthia Ocel, at [cynthia\\_ocel@nps.gov](mailto:cynthia_ocel@nps.gov) or 207-288-8822.

### STAFF HAPPENINGS

After a busy summer leading family and community programs we are ready to get "back to school." As we change our focus with the seasons, we are looking forward to working with you.

**Kate Petrie** is once again stationed on the Schoodic Peninsula to oversee our residential Schoodic Education Adventure (SEA) Program. Find out more about SEA and other events in the Schoodic section of this newsletter. She will be assisted by **Jenn Schramm**, an interpreter at Acadia for the past two summers, as well as another NPS site in Hawaii, and the California state parks. Four

interns will be completing the SEA program staff: **Pete Berquist**, **Jesse Kucenic**, **Tory Morgan**, and **Holly Pietruzka**.

On MDI, **Donna Healy** is our anchor, returning for her fourth fall season leading classes. Donna was happy to have Surry teacher Paula Mrozicki assist her with one of the popular family programs again this summer. Donna also offered a new family version of our third grade carriage road program to visitors. Congratulations to **Marc Neidig**, who was promoted to field naturalist supervisor last spring. We're sorry Marc is no longer working with school groups but glad he's still going great things for Acadia. **Brandon Lyle** ably served as the field ranger for us last spring. This summer through September he is working at the Islesford Historical Museum. The fall education ranger has not been hired as of this writing.

Our two new interns come very highly recommended. **Lindsey Rogers**, from Rhode Island, spent her summer working at the well-known Teton Science School. She is an environmental studies student at Green Mountain College

in Vermont. **Emily Stone** will be coming to Maine from a wilderness ranger station in Minnesota. Last spring she worked at Canyonlands National Park in Utah with Carrie Nuoffer, a former Acadia education ranger. Emily graduated with a degree in outdoor education and natural history from Northland College in Wisconsin.



Students enjoy a ranger-led hike on a school outing at Acadia.

## National Park Service Websites

[www.nps.gov/acad](http://www.nps.gov/acad)

The official website of Acadia National Park. Includes information on park resources, trip planning, and more.

[www.nps.gov/acad/eeweb/enved.htm](http://www.nps.gov/acad/eeweb/enved.htm)

The home of Acadia National Park's education program. Offers links to teacher, parent, and student resources; the junior ranger program; online activities for kids; and more.

[www.nps.gov/learn](http://www.nps.gov/learn)

Serves all teachers and learners with national park standards-based learning tools, teaching resources, online activities, and Junior Ranger programs.

[www.efieldtrips.org](http://www.efieldtrips.org)

Includes interactive virtual national park visits, trip journal worksheets, "ask an expert," and live web chats.



National Park Service  
U.S. Department of the Interior

Acadia National Park encompasses over 47,000 acres of granite-domed mountains, woodlands, lakes and ponds, and ocean shoreline, creating striking scenery and diverse habitats. This diverse environment combines with a rich cultural history to create unparalleled scientific, educational, and recreational opportunities in a spectacular setting.

**Education Office**  
**Acadia National Park**  
P.O. Box 177  
Bar Harbor, ME 04609

**Phone**  
Cynthia Ocel 207-288-8822  
Kate Petrie 207-288-8823 or -1312  
Donna Healy 207-288-8824

**Fax**  
207-288-8831

**E-mail**  
[cynthia\\_ocel@nps.gov](mailto:cynthia_ocel@nps.gov)

The National Park Service cares for the special places saved by the American people so that all may experience our heritage.

# Educator Resource Library

Volunteer Sylvia Hicks worked part time in our library this summer and accessioned a number of interesting books teachers can check out for a two-week period. Here is a sampling of our new additions.

### **A Field Guide to the Animals of Vernal Pools – Kenney & Burne**

An introductory reference to the specialized creatures that depend on vernal pools. Beautiful full color photographs, key identification features, and natural history notes for amphibians, reptiles, and many invertebrates.

### **Maine Amphibians and Reptiles**

Drawings, color photos, range maps, natural history, and a compact disc of field recordings of all 38 species found in Maine.

### **Maine's Endangered and Threatened Wildlife**

Comprehensive description of all 49 Maine animals on the state and federal endangered species list. Written by top Maine endangered

species experts. Two full pages for each species describe the animal's life history and conservation. Includes range maps.

### **Rethinking Columbus: the Next 500 Years – Bigelow & Peterson**

Thought-provoking articles and resources, including websites, about the courageous struggles and lasting wisdom of indigenous peoples. "Let us put our heads together and see what life we will make for our children." - Tatanka lotanka/Sitting Bull

### **Windows on the Wild – Biodiversity Basics**

Both teacher and student books from the World Wildlife Fund that address biodiversity issues and incorporate current data from projects around the world. What is biodiversity? Why is it important? What is the status of biodiversity and how can we protect it?

Contact Donna Healy at 288-8824 for library assistance.

# Passamaquoddy Educational Kit

Acadia National Park, in partnership with the Abbe Museum, has designed a traveling educational kit for 5th - 8th grade students. This new kit utilizes student-centered activities and tactile elements to explore Passamaquoddy culture and history. All lessons and activities have corresponding background information and have been piloted in the classroom. The information and activities in the kit will be converted to an electronic format and linked to the web at a future date. The kit is available to schools for loan through Acadia's education office (288-8822), the Abbe Museum (288-3519), and the Saint Croix Island International Historical Site in Calais (454-3871).

# Workshops For Educators

*Thursday, October 6, 9 – 11 a.m.*

## **Exotic Plants at Acadia –**

### **When is a Guest a Pest?**

Acadia National Park

Twenty five percent of plants found in the park are not native to this area! What are native versus exotic species? What makes an exotic species invasive? What you and your students should know about invasives and what you can do. Join Park Botanist Linda Gregory for an in-depth look at non-native plant species in this region of Maine. Current management policies and practices, species identification, and classroom resources will be covered. Contact hours available. Registration is required; contact Cynthia at 288-8822 by Thursday, September 29. *For middle and high school educators.*

*Friday, October 21, 10:30 a.m. – 3:30 p.m.*

## **Flying WILD**

Wendell Gilley Museum, Southwest Harbor

A new program from Project WILD that introduces students to bird conservation through standards-based classroom activities and conservation stewardship projects. Small registration fee includes an activity guide and supplemental materials. For more information, contact Museum Educator Jennifer Linforth at 244-7555 or [jennifer@wendellgillemuseum.org](mailto:jennifer@wendellgillemuseum.org).

*Friday, October 28, 8:30 – 11:30 am.*

## **Acadia – Downeast and Downwind**

Acadia National Park

This workshop focuses on the freshwater and air quality issues in Acadia and region. Emily Seger, Acadia's air and water scientist, will explain the three main components

to air pollution affecting our ecosystems and human health and how air quality directly influences our lakes and streams. Key watershed interactions and the effects of acid deposition, development, runoff, and invasive plants will be discussed. Acadia National Park's air and water monitoring program, including field equipment, is highlighted. There will be a short outdoor walk to the park's air monitoring station. Contact hours available. For details and registration, please contact Cynthia at 288-8822 by Friday, October 21. *For middle and high school educators.*

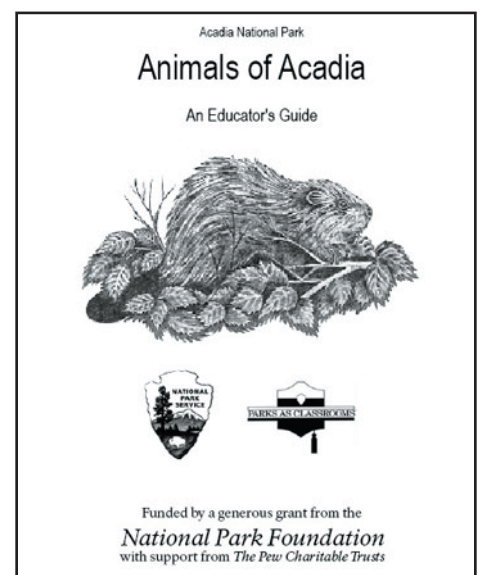
A listing of professional development opportunities being offered on the Schoodic Peninsula can be found in the Schoodic section of this newsletter (page 4).

# Classroom Activities

Our education staff is in the process of updating and expanding the pre- and post-classroom activities for our curriculum-based programs included in the educator's guides. In the past year we have added:

- ANIMALS OF ACADIA – Beaver Research Notebook; combined beaver and peregrine video (copies will be sent to school media centers in September)
- CARRIAGE ROADS – Character Study
- CARROLL – Build a Homestead
- FIRE & ICE – Geology of Acadia CD-Rom
- ISLAND LIFE – Museum Follow-up

These will be posted on the education web pages in the Teacher Resources section (under "Educator's Guides"). If you have any program-related classroom activities you are willing to share, please contact our office. Full credit will be given for any ideas used.



**Educator's guides for several curriculum-based programs are available online.**



# What's Happening at the Schoodic District?



## Upcoming Reservation Programs

*Mid-September to early November*  
**Schoodic Education Adventure**

Three to four day residential program for 5th through 8th grades. Mandatory pre-program workshop for teachers.

**Artist-in-Residence Programs**

*September 10* – Painter Nina Weiss

*September 23* – Poet Mimi White

*October 15* – Art in the Environ-

ment Day – Multi-medium artists

## Walk in the Park Fundraiser

The Friends of Acadia (FOA) recently submitted a successful grant proposal to the National Park Foundation to receive up to \$7,500 in matching funds for the park's Junior Ranger Program for schools. Monies will be used for an additional staff person and bus transportation costs so we can reach out to third-grade classes in Washington County and schedule more Junior Ranger Days at our Schoodic site.

Friends of Schoodic, a subcommittee of FOA under the leadership of Lisa Horsch and Fran Rhoades, organized the first fundraising event at Schoodic on

July 30. A beautiful day greeted 38 enthusiastic walkers who toured the former U.S. Navy base and site of the Schoodic Education and Research Center. Some took advantage of the weather and walked from Frazer Point picnic area to the base. In all they raised over \$1,600 for new junior rangers!

The Maine Community Foundation also donated \$500 to the program, for a current total of \$2,100 (which is equal to \$4,200, including matching funds) for junior rangers. More fundraising will take place between now and October.

*Sunday, October 16*

**Resource Acadia Session**

– **Marine Research**

Learn about genetics research and tracking currents in Frenchman Bay to gain a better understanding of marine species recruitment.

*Thursday, November 10*

**Geology Workshop for K-12 Educators**

Discover lots of ideas to take back to your classroom. Topics include coastal Maine geology, glacial geology, rocks, and minerals, and will focus on subjects across the curriculum, from poetry to physics.

For more information about any of these programs, or to register, please contact Kate Petrie at 288-1312.

# Acadia National Park - Program Reservation Form

Teacher Name(s) \_\_\_\_\_

School \_\_\_\_\_

School Phone # \_\_\_\_\_ # of Students \_\_\_\_\_

E-mail Address \_\_\_\_\_

***Please return by Tuesday, September 6***

Return in one of three ways:

- E-mail as an attachment to [cynthia\\_ocel@nps.gov](mailto:cynthia_ocel@nps.gov)
- Fax to 288-8831
- Mail to Education Office  
Acadia National Park  
P.O. Box 177  
Bar Harbor, ME 04609

***\*\*Please make a separate copy of this form for each program you request!\*\****

Please check one

	<b>Third Grade - Carriage Road Explorers (WALK)</b> Park provides <i>Exploring the Carriage Roads</i> booklets. <i>Available dates: September 19 - November 3</i>	Time: 9 a.m. - 12:30 p.m.
	<b>Third Grade - Carriage Road Explorers (BY CARRIAGE)</b> Park provides <i>Exploring the Carriage Roads</i> booklets. Charge: \$9 per student <i>Available dates: September 22, 29, and 30, and October 3 and 6</i>	Time: 9 a.m. - 12 p.m.
	<b>Fourth Grade - Animals of Acadia</b> <i>Available dates: September 19 - November 3</i>	Time: 9 a.m. - 1 p.m.
	<b>Fifth Grade - Island Life</b> Charge: \$10 per passenger (limited to 37 passengers) Do you need financial assistance? Yes___ No___ If you answered yes, our office will contact you for details. Made possible by Eastern National. <i>Available dates: September 19 - October 14</i>	Time: 9 a.m. - 1 p.m.
	<b>Sixth - Eighth Grades - Fire and Ice</b> Please circle the grade level participating: 6 7 8 <i>Available dates: September 19 - November 3</i>	Time: 9 a.m. - 1 p.m.
First Choice Date		
Second Choice Date		
Third Choice Date		

***Note: Let us know if you have any conflicts with the scheduled program times.***

What pre-visit activities will you be doing with your students?

Note below any special requests or needs, including accessibility or medical issues.

A confirmation letter will be mailed within one week of processing your program request. If there is a conflict with dates, you will be contacted by phone.

Office Use Only:	Confirmation sent:	Program date:
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# Acadia National Park - 2005 Fall Programs



## THIRD GRADE

### Carriage Road Explorers

Who built Acadia's historic carriage road system? Why were these stone roads and bridges built and how? Why and how does the National Park Service preserve them? Travel by horse-drawn carriage or on foot as you hear about the people who played a part in developing this unique park resource. The park will provide classroom copies of *Exploring the Carriage Roads*.

**Walk:** Free. Available September 19 – November 3.

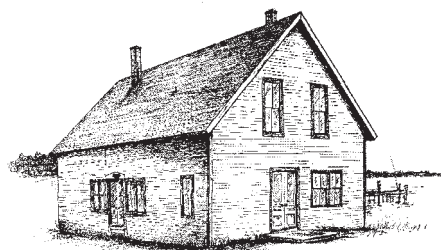
**Ride:** \$9 per student, cash or check made payable to Wildwood Stables. No more than one adult per ten students, please. Available September 22, 29, and 30, and October 3 and 6.



## FOURTH GRADE

### Animals of Acadia

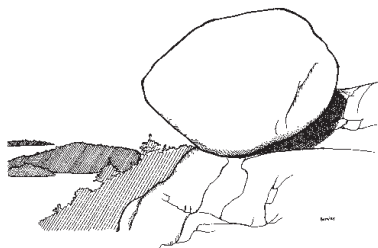
"Food, water, shelter, space. Habitat is a wonderful place." Explore two very different habitats at Acadia National Park. Discover how the state-endangered peregrine falcon and the widespread beaver have adapted to survive in the wild. Available September 19 – November 3.



## FIFTH GRADE

### Island Life

Embark on a sea voyage aboard the *Island Queen* out of Southwest Harbor to the Islesford Historical Museum on Little Cranberry Island. Along the way we will find out how early explorers navigated the waters. At the museum, students will learn about island residents and their lives during the early part of our country's history. Cost: \$10 per person. **Financial assistance in the form of a grant from Eastern National, the bookstore partner of the park, is available if needed.** Maximum number of passengers is 37, including adults. Available September 19 – October 14.



## SIXTH - EIGHTH GRADE

### Fire and Ice

While hiking around Great Head, we will read the landscape and share the story of Acadia's geologic past. See evidence of the local rock cycle, glacial features, and plate tectonics. This program works best as a review of basic geologic terms and processes studied in the classroom. **Warning: The hiking trail is considered fairly strenuous!** Available September 19 – November 3.

***Reservation deadline is September 6!***



National Park Service  
U.S. Department of the Interior

Acadia National Park

P.O. Box 177  
Bar Harbor, ME 04609

207-288-8822 phone  
207-288-8831 fax

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## Acadia National Park Image Release Form

I do \_\_\_\_ / do not \_\_\_\_ give permission for any photos or videos taken of my child during educational programs at Acadia National Park to be used for public relations by the National Park Service.

Child's Name: \_\_\_\_\_

Your Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Relation to Child: \_\_\_\_\_

Child's School: \_\_\_\_\_ Grade: \_\_\_\_\_



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Signature: \_\_\_\_\_

Relation to Child: \_\_\_\_\_

Child's School: \_\_\_\_\_ Grade: \_\_\_\_\_

# Acadia National Park - Hawkwatch 2005

Come join us on Cadillac Mountain for a free ranger-led raptor program. This exciting program will cover topics such as hawk migration, conservation, and identification, as well as the purpose of Hawkwatch at Acadia National Park. Although each day is different, there is a good chance of seeing migratory hawks, falcons, and eagles. After the talk, your group may join our rangers and volunteers at the Hawkwatch site for further viewing.



This program is designed for third through sixth grade students. Programs can start any time between 9 a.m. and 12 p.m. Due to the terrain, we are only able to accommodate groups of up to 30 students. The interactive talk will last 30-40 minutes. All groups will be provided pre-visit materials and activities.

This program is available Tuesdays through Fridays from September 13 to October 7. If the weather on the day of your visit is not suitable for outdoor activities, alternate arrangements—including choosing a different date or an indoor program—can be made. For further information, please contact Lora Haller at 288-8810 or [lora\\_haller@nps.gov](mailto:lora_haller@nps.gov).

*Reminder: The Cadillac Mountain Summit is 1530 feet high and exposed. The weather may be cold and windy; please dress accordingly. Although binoculars are not required, they are useful.*

Please indicate your preferred date and two alternatives on the form below and return to:

Lora Haller, Division of Interpretation  
Acadia National Park  
P.O. Box 177  
Bar Harbor, ME 04609  
Fax: 207-288-8813

..... Please return lower portion of form .....

# Acadia National Park - Hawkwatch 2005

Teacher's Name:	First Choice Date:
School:	Second Choice Date:
Address:	Third Choice Date:
City/State/Zip:	Arrival Time/Departure Time:
Number of Students:	Grade:
Phone #/Best Time to Call:	E-mail address:

Please mail this form to Lora Haller, Division of Interpretation, Acadia National Park, P.O. Box 177, Bar Harbor, ME 04609.